

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E83238

Employer : US Dept. of Commerce NOAA

Worksite : WASC Facilities and Logistics
Div.

Street : 7600 Sand Point Way Ne

Jurisdiction : City of Seattle

Survey Date : 11/10/2015

Survey Type : Online

Response Rate : 64%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 67.7%

Reported Total Employees at Worksite: 882

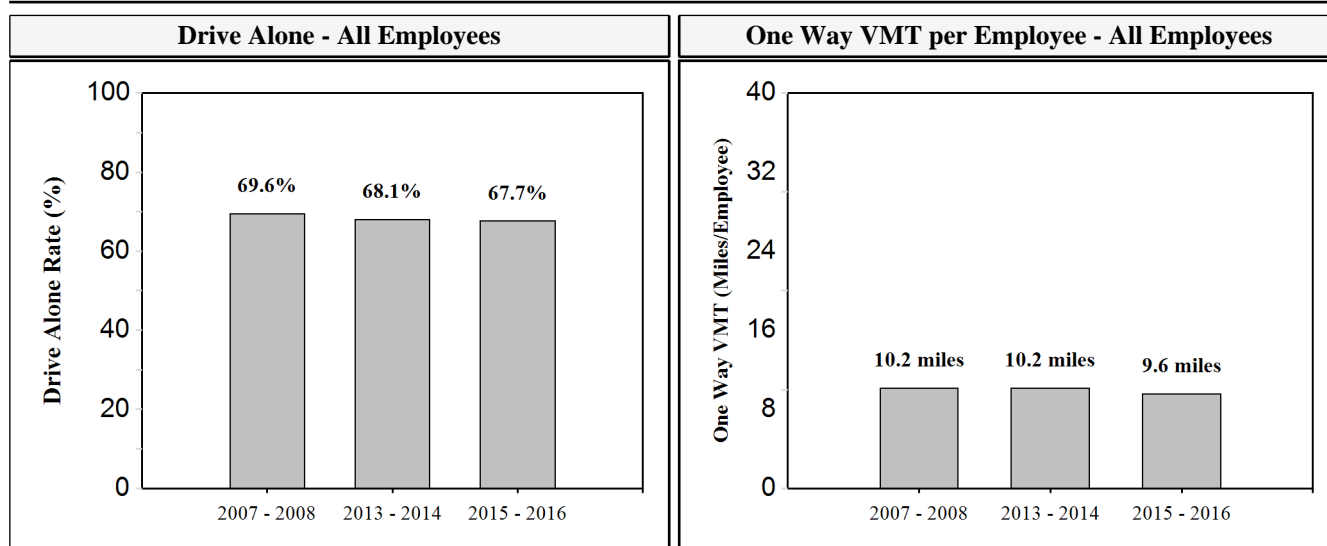
One-Way VMT per employee : 9.6

Surveys Distributed : 653

Surveys Returned : 419

Surveys Returned by CTR Affected Employees : 377

Total Estimated CTR - Affected Employees at Worksite : 588



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	69.6%	70.4%	10.2	10.4
2009 - 2010	66.2%	66.0%	9.5	9.6
2011 - 2012	72.7%	72.9%	10.3	10.4
2013 - 2014	68.1%	66.8%	10.2	10.2
2015 - 2016	67.7%	67.1%	9.6	9.5
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	-2.7%	-4.7%	-5.9%	-8.7%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2013 - 2014	2015 - 2016	2015 - 2016 Without Fill In
Drive Alone - All Employees*	69.6%	68.1%	67.7%	64.6%
Drive Alone - CTR Affected Employees*	70.4%	66.8%	67.1%	63.6%
VMT/Employee - All Employees	10.2	10.2	9.6	9.2
VMT/Employees - CTR Affected Employees	10.4	10.2	9.5	9.1

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	1,168	1,256	777
Estimated Emissions for Total Employment	2,086	1,627	1,635

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	333,450	174,946	326,277
Bus Annual Passenger Miles - Surveyed Employees	186,800	135,100	155,000
Ferry Annual Passenger Miles - Estimated for Total Employment	0	221,564	120,617
Ferry Annual Passenger Miles - Surveyed Employees	0	171,100	57,300
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	42,992	50,310
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	33,200	23,900

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

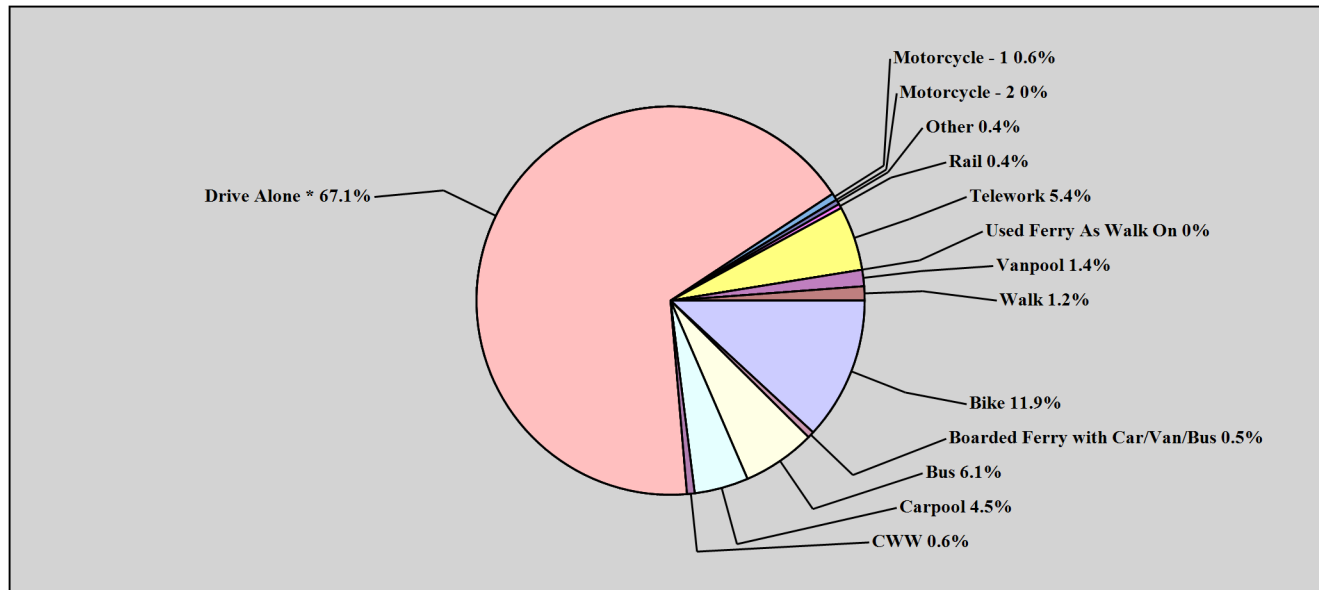
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 13.7 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



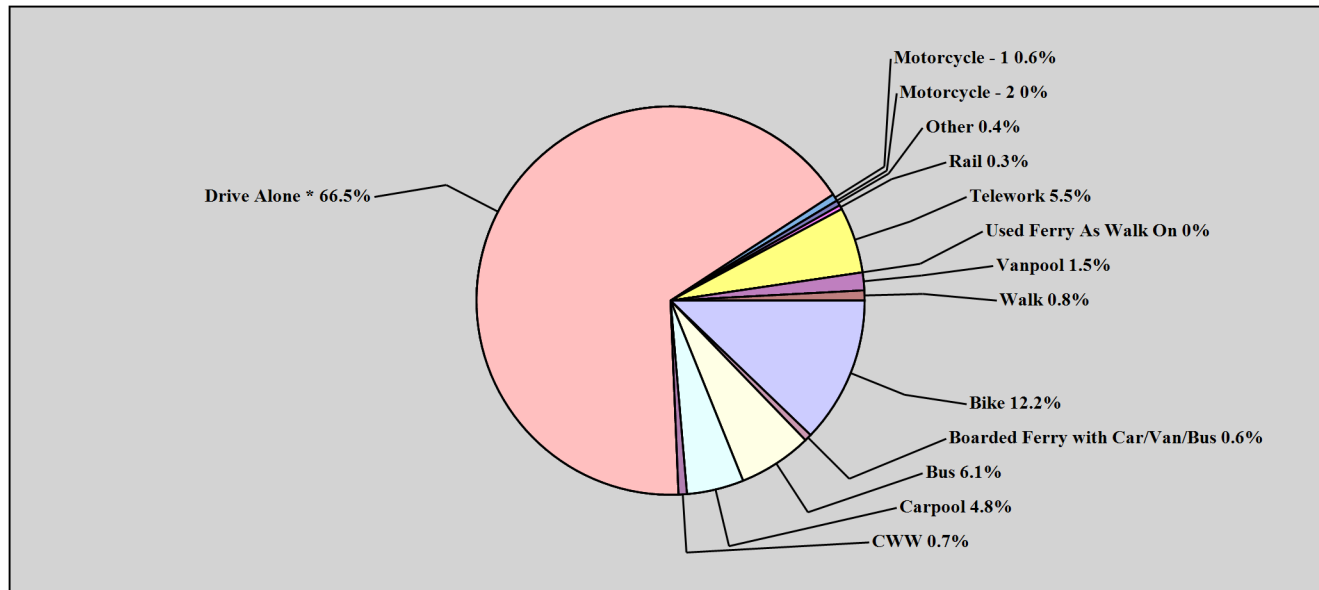
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,475	67.1%	67.2%	321	76.6%	79.9%
Carpool	99	4.5%	6.7%	31	7.4%	9.3%
Vanpool	30	1.4%	1.9%	8	1.9%	2.4%
Motorcycle - 1	13	0.6%	0.9%	6	1.4%	1.4%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.2%
Bus	134	6.1%	5.3%	42	10.0%	7.9%
Rail	8	0.4%	0.3%	3	0.7%	0.7%
Bike	261	11.9%	8.5%	77	18.4%	13.8%
Walk	26	1.2%	0.3%	10	2.4%	1.0%
Telework	118	5.4%	5.3%	78	18.6%	15.2%
CWW	14	0.6%	1.0%	10	2.4%	4.7%
Boarded Ferry with Car/Van/Bus	12	0.5%	1.2%	4	1.0%	1.4%
Used Ferry As Walk On	0	0.0%	0.1%	0	0.0%	0.3%
Other	9	0.4%	1.1%	6	1.4%	3.0%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,343	66.5%	65.9%	288	76.4%	79.2%
Carpool	96	4.8%	7.1%	29	7.7%	9.7%
Vanpool	30	1.5%	2.1%	8	2.1%	2.7%
Motorcycle - 1	12	0.6%	0.9%	5	1.3%	1.3%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.2%
Bus	124	6.1%	5.5%	36	9.5%	8.1%
Rail	7	0.3%	0.3%	2	0.5%	0.8%
Bike	246	12.2%	8.8%	71	18.8%	14.0%
Walk	17	0.8%	0.3%	8	2.1%	1.1%
Telework	111	5.5%	5.3%	72	19.1%	14.8%
CWW	14	0.7%	1.1%	10	2.7%	5.1%
Boarded Ferry with Car/Van/Bus	12	0.6%	1.3%	4	1.1%	1.5%
Used Ferry As Walk On	0	0.0%	0.2%	0	0.0%	0.4%
Other	9	0.4%	1.2%	6	1.6%	3.2%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	200	48%	419	100%
1 Days	53	13%	219	52%
2 Days	32	8%	166	40%
3 Days	32	8%	134	32%
4 Days	20	5%	102	24%
5 Days	76	18%	82	20%
6 or More Days	6	1%	6	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non- Drive Alone At Least 3 Days / week	
5 days a week	141	42.3%	74	22.2%	22	6.6%	18	5.4%	1	0.3%	1	0.3%	46	13.8%	0	0%	104	31.2%
4 days a week (4/10s)	0	0%	7	53.8%	1	7.7%	0	0%	0	0%	0	0%	1	7.7%	1	7.7%	6	46.2%
3 days a week	0	0%	4	66.7%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	19	35.2%	13	24.1%	0	0%	1	1.9%	0	0%	6	11.1%	9	16.7%	0	0%	20	37%
7 days in 2 weeks	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	1	11.1%	3	33.3%	0	0%	0	0%	0	0%	0	0%	1	11.1%	0	0%	4	44.4%

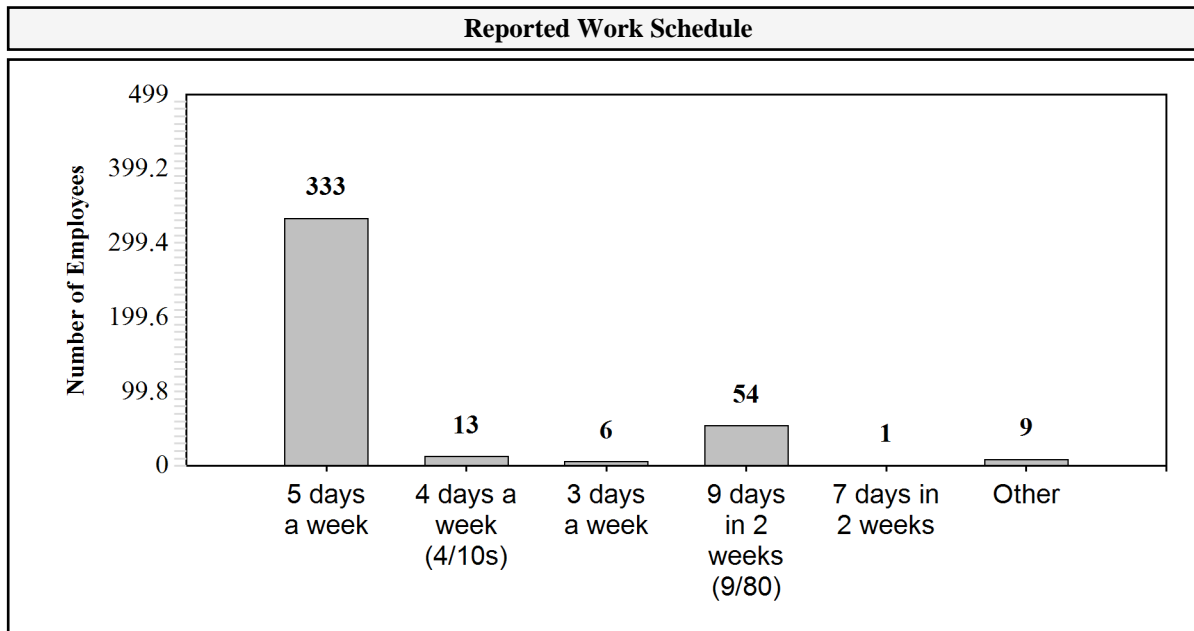
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	13
2	Motorcycle	0
2	Carpool	94
3	Carpool	0
4	Carpool	0
5	Carpool	0
>5	Carpool	5
<5	Vanpool	13
5	Vanpool	13
6	Vanpool	4
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

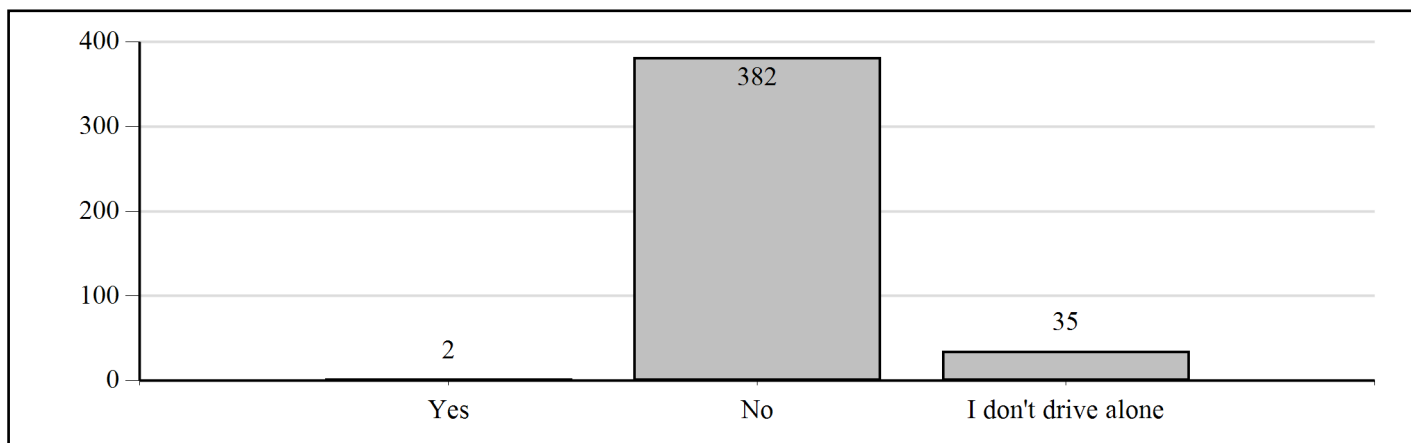
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	333	80%
4 days a week (4/10s)	13	3.1%
3 days a week	6	1.4%
9 days in 2 weeks (9/80)	54	13%
7 days in 2 weeks	1	0.2%
Other	9	2.2%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.2%
I don't telework	188	44.9%
Occasionally, on an as-needed basis	121	28.9%
1-2 days/month	23	5.5%
1 day/week	49	11.7%
2 days/week	30	7.2%
3 days/week	7	1.7%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Personal health or well-being	153	18.2%
Environmental and community benefits	145	17.2%
I have the option of teleworking	131	15.6%
To save money	116	13.8%
Other	79	9.4%
Free or subsidized bus, train, vanpool pass or fare benefit	59	7.0%
Financial incentives for carpooling, bicycling or walking.	45	5.4%
Driving myself is not an option	45	5.4%
To save time using the HOV lane	36	4.3%
Cost of parking or lack of parking	13	1.5%
Emergency ride home is provided	13	1.5%
Preferred/reserved carpool/vanpool parking is provided	5	0.6%
I receive a financial incentive for giving up my parking space	1	0.1%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	295	30.9%
I like the convenience of having my car	227	23.8%
Family care or similar obligations	143	15.0%
Other	106	11.1%
My commute distance is too short	76	8.0%
Bicycling or walking isn't safe	60	6.3%
My job requires me to use my car for work	24	2.5%
I need more information on alternative modes	22	2.3%
There isn't any secure or covered bicycle parking	1	0.1%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	1	1	15	0	0	7	0	5	3
2	0	0	0	10	0	1	5	0	2	0
3	1	0	0	7	0	0	0	0	1	2
4	2	0	0	9	0	0	2	0	1	0
5	0	0	0	3	0	1	1	0	0	0
6	0	0	0	3	0	0	0	0	0	0
7	1	0	0	1	0	0	0	0	0	0
8	1	0	0	5	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	7	0	0	2	0	1	0
11 or more	0	0	0	8	0	0	0	0	0	1
# Of Employees using Transit	5	1	1	68	0	2	17	0	10	6
Total One-Way Transit Trips Per Week	26	1	1	352	0	7	50	0	26	21

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	1	1	15	0	0	6	0	4	3
2	0	0	0	8	0	1	5	0	2	0
3	1	0	0	6	0	0	0	0	1	2
4	2	0	0	7	0	0	2	0	1	0
5	0	0	0	3	0	1	1	0	0	0
6	0	0	0	2	0	0	0	0	0	0
7	1	0	0	1	0	0	0	0	0	0
8	1	0	0	3	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	6	0	0	2	0	1	0
11 or more	0	0	0	8	0	0	0	0	0	1
# Of Employees using Transit	5	1	1	59	0	2	16	0	9	6
Total One-Way Transit Trips Per Week	26	1	1	305	0	7	49	0	25	21

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	7	1.67%	11	3	0	0	5	0	8	0	3	0	0	0	0
97211	1	0.24%	0	0	0	0	0	0	0	0	1	0	0	0	0
98002	2	0.48%	5	0	0	0	0	5	0	0	0	0	0	0	0
98003	2	0.48%	0	0	4	0	5	0	0	0	0	0	0	0	0
98004	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98006	2	0.48%	8	0	0	1	0	0	0	0	1	0	0	0	0
98011	6	1.43%	21	0	0	0	0	0	6	0	0	0	0	0	0
98012	15	3.58%	53	4	0	0	5	0	6	0	5	0	0	0	3
98014	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98020	4	0.95%	15	0	0	0	0	0	0	0	3	0	0	0	0
98021	11	2.63%	36	9	0	0	0	0	3	0	4	0	0	0	0
98023	4	0.95%	11	0	0	0	7	0	0	0	2	0	0	0	1
98026	5	1.19%	19	0	0	0	0	0	5	0	0	1	0	0	0
98027	3	0.72%	12	0	0	0	0	0	0	0	3	0	0	0	0
98028	10	2.39%	30	1	0	0	2	0	7	0	2	0	0	0	0
98031	4	0.95%	10	0	8	0	0	0	0	0	2	0	0	0	0
98032	1	0.24%	0	0	3	0	0	0	0	0	2	0	0	0	1
98034	2	0.48%	10	0	0	0	0	0	0	0	0	0	0	0	0
98036	5	1.19%	22	0	0	0	0	0	0	0	3	0	0	0	0
98037	3	0.72%	14	0	0	0	0	0	0	0	1	0	0	0	0
98040	1	0.24%	2	0	0	0	0	0	0	0	0	0	0	0	0
98042	2	0.48%	9	0	0	0	0	0	0	0	1	0	0	0	0
98043	9	2.15%	33	0	0	0	5	0	2	0	2	3	0	0	0
98052	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98056	1	0.24%	3	0	0	0	0	0	0	0	2	0	0	0	0
98058	2	0.48%	8	0	0	0	0	0	0	0	0	0	0	0	0



98070	1	0.24%	0	0	0	0	0	0	3	0	2	0	0	0	0
98072	3	0.72%	14	0	0	0	0	0	1	0	0	0	0	0	0
98074	2	0.48%	10	0	0	0	0	0	0	0	0	0	0	0	0
98077	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98087	6	1.43%	27	3	0	0	0	0	0	0	0	0	0	0	0
98101	2	0.48%	5	0	0	0	5	0	0	0	0	0	0	0	0
98102	4	0.95%	16	0	0	0	0	0	0	0	1	0	0	0	0
98103	30	7.16%	71	9	0	0	13	0	39	1	8	0	0	0	0
98105	10	2.39%	20	0	0	0	5	0	18	0	3	1	0	0	0
98106	2	0.48%	5	1	0	0	1	0	0	0	3	0	0	0	0
98107	12	2.86%	26	0	0	1	14	1	14	0	0	0	0	0	0
98109	1	0.24%	0	0	0	0	0	0	5	0	0	0	0	0	0
98110	2	0.48%	6	1	0	0	0	0	0	0	3	0	0	0	0
98112	6	1.43%	14	1	0	1	0	0	14	0	1	0	0	0	0
98115	64	15.27%	182	5	0	2	9	0	70	23	13	0	2	0	0
98116	2	0.48%	9	0	0	0	0	0	0	0	1	0	0	0	0
98117	11	2.63%	41	0	0	0	1	0	10	0	2	0	0	0	0
98118	3	0.72%	13	0	0	0	0	0	0	0	2	0	0	0	0
98119	2	0.48%	3	0	0	0	4	0	0	0	2	0	0	0	0
98121	3	0.72%	5	0	0	0	10	0	0	0	0	0	0	0	0
98122	4	0.95%	8	0	0	0	8	0	2	0	0	0	0	0	0
98125	29	6.92%	76	5	0	0	26	0	23	1	4	4	0	0	0
98126	2	0.48%	10	0	0	0	0	0	0	0	0	0	0	0	0
98133	12	2.86%	49	3	0	0	0	0	5	0	1	0	0	0	0
98136	2	0.48%	5	0	0	0	0	0	5	0	0	0	0	0	2
98144	3	0.72%	4	10	0	0	0	0	0	0	1	0	0	0	0
98146	1	0.24%	4	0	0	0	0	0	0	0	0	0	0	0	0
98155	21	5.01%	80	5	0	0	0	0	5	0	4	2	0	0	1
98166	2	0.48%	7	1	0	0	0	0	0	0	2	0	0	0	0
98168	1	0.24%	3	1	0	0	1	0	0	0	0	0	0	0	0
98177	4	0.95%	17	0	0	0	0	0	0	0	2	0	0	0	0
98178	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.24%	3	0	0	0	0	2	0	0	0	0	0	0	0
98198	1	0.24%	0	0	5	0	0	0	0	0	0	0	0	0	0
98199	5	1.19%	10	0	0	0	0	0	10	1	2	2	0	0	0
98201	3	0.72%	12	2	0	0	0	0	0	0	3	0	0	0	0
98203	2	0.48%	0	10	0	0	0	0	0	0	0	0	0	0	0



98204	4	0.95%	19	0	0	0	0	0	0	0	0	1	0	0	1
98208	5	1.19%	20	0	0	0	0	0	0	0	0	0	0	0	0
98223	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98230	1	0.24%	2	0	0	3	0	0	0	0	0	0	0	0	0
98236	2	0.48%	0	0	0	0	0	0	0	0	4	0	6	0	0
98249	2	0.48%	0	0	9	0	0	0	0	0	1	0	0	0	0
98252	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98258	3	0.72%	8	4	0	0	0	0	0	0	1	0	0	0	0
98270	2	0.48%	8	0	0	0	0	0	0	0	2	0	0	0	0
98271	1	0.24%	1	4	0	0	0	0	0	0	0	0	0	0	0
98272	4	0.95%	10	9	0	0	0	0	0	0	1	0	0	0	0
98275	2	0.48%	3	5	0	0	0	0	0	0	2	0	0	0	0
98290	2	0.48%	5	1	0	0	0	0	0	0	1	0	0	0	0
98296	4	0.95%	19	0	0	0	0	0	0	0	1	0	0	0	0
98340	1	0.24%	4	0	0	0	0	0	0	0	1	0	0	0	0
98346	1	0.24%	7	0	0	0	0	0	0	0	0	0	0	0	0
98354	2	0.48%	6	2	0	0	0	0	0	0	2	0	0	0	0
98358	1	0.24%	0	0	0	0	0	0	0	0	1	0	4	0	0
98370	1	0.24%	0	0	0	5	0	0	0	0	0	0	0	0	0
98372	1	0.24%	3	0	0	0	0	0	0	0	2	0	0	0	0
98373	1	0.24%	2	0	0	0	3	0	0	0	0	0	0	0	0
98374	1	0.24%	4	0	0	0	0	0	0	0	1	0	0	0	0
98375	3	0.72%	9	0	1	0	5	0	0	0	0	0	0	0	0
98387	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98408	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98422	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98498	1	0.24%	4	0	0	0	0	0	0	0	1	0	0	0	0
98499	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98513	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98686	1	0.24%	4	0	0	0	0	0	0	0	0	0	0	0	0